

FIG. 1

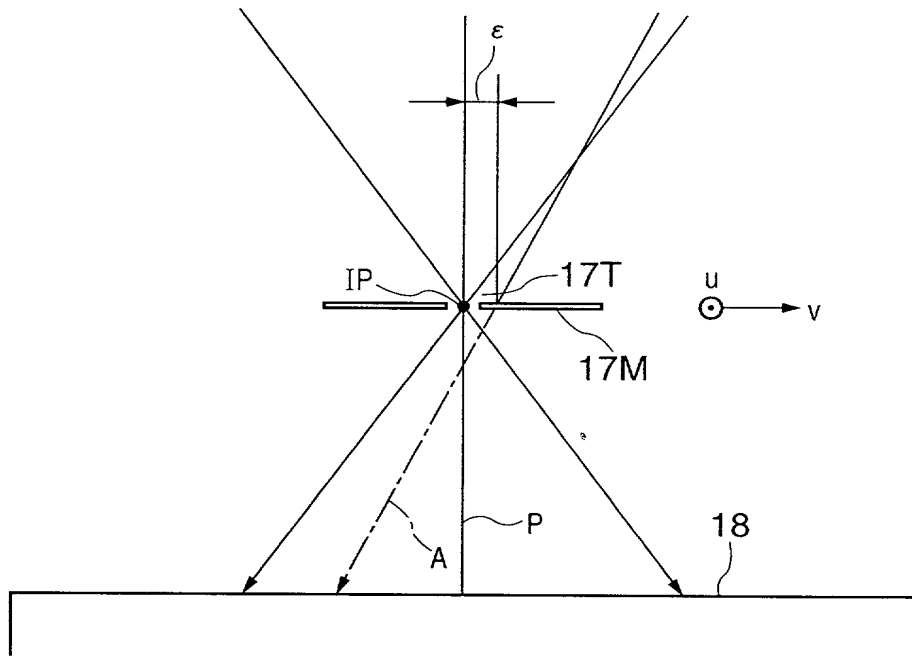
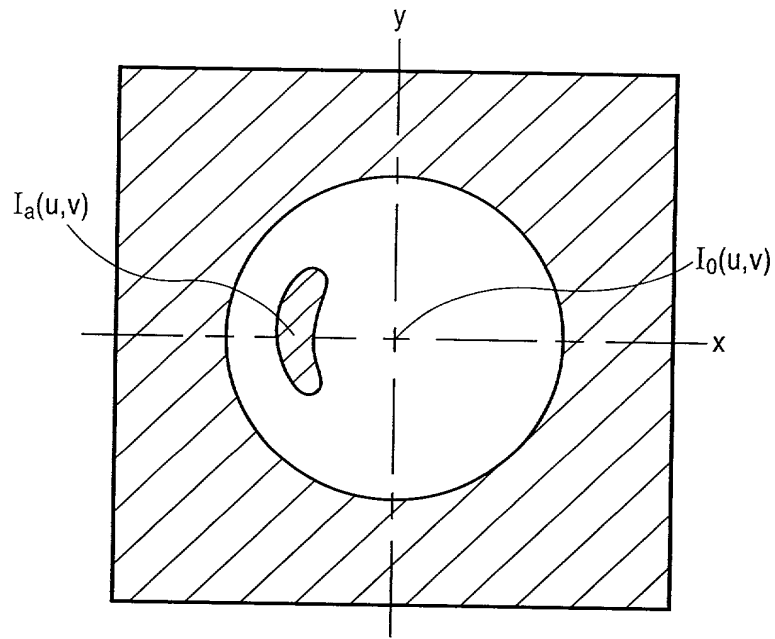


FIG. 2

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FIG. 3

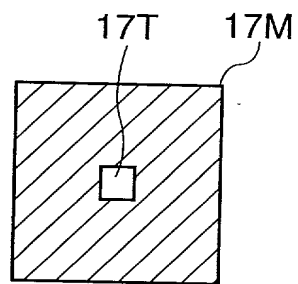


FIG. 4A

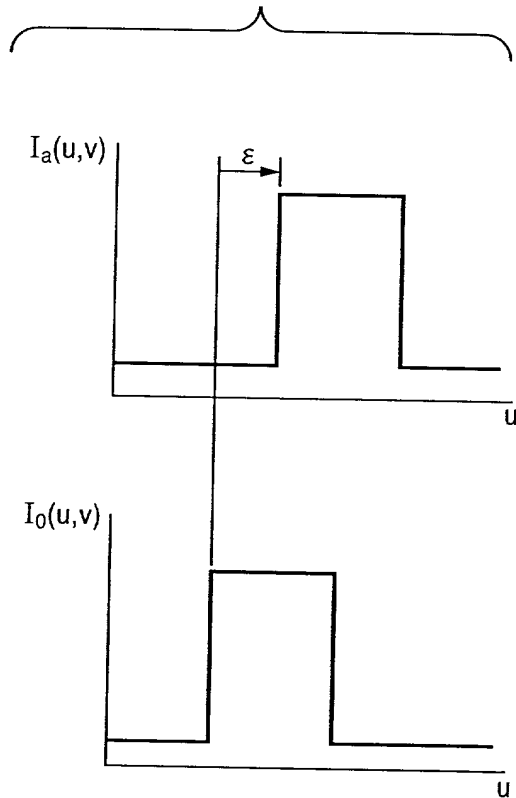


FIG. 4B

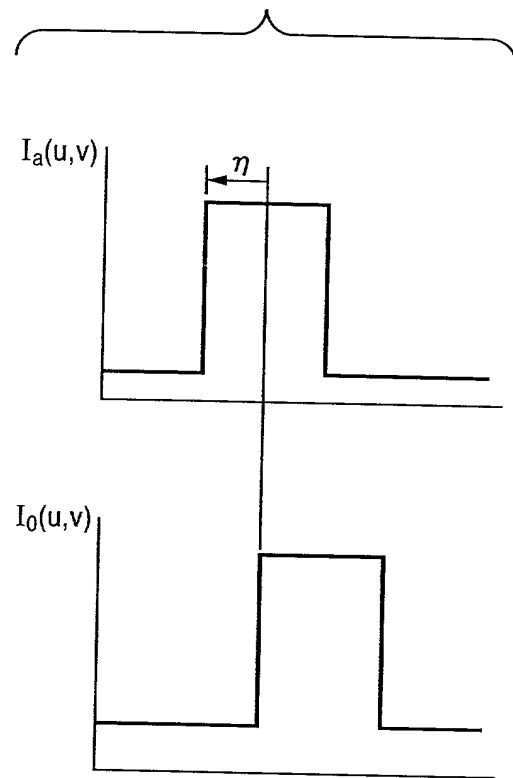
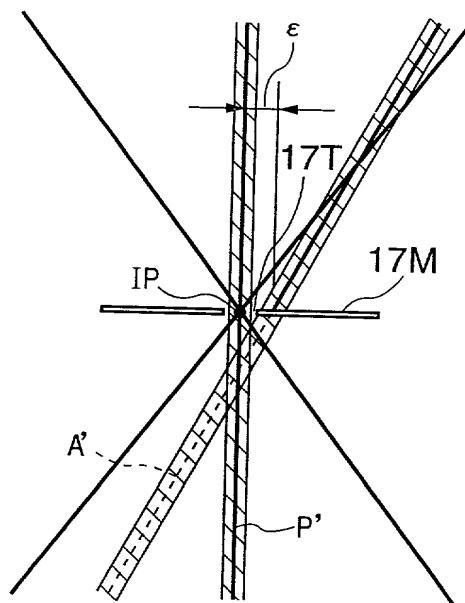


FIG. 5



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FIG. 6A

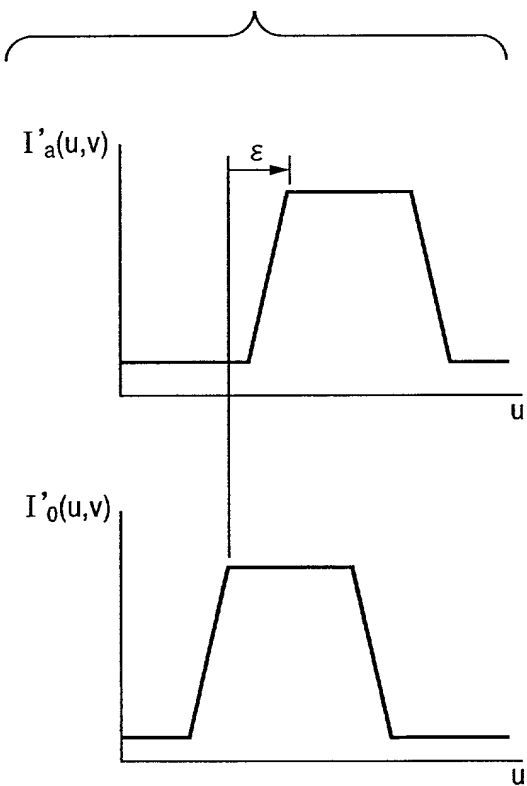


FIG. 6B

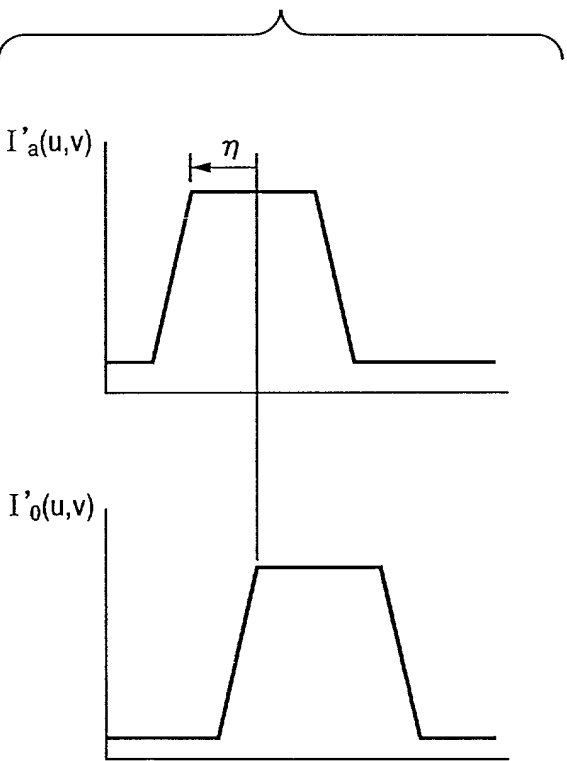


FIG. 7

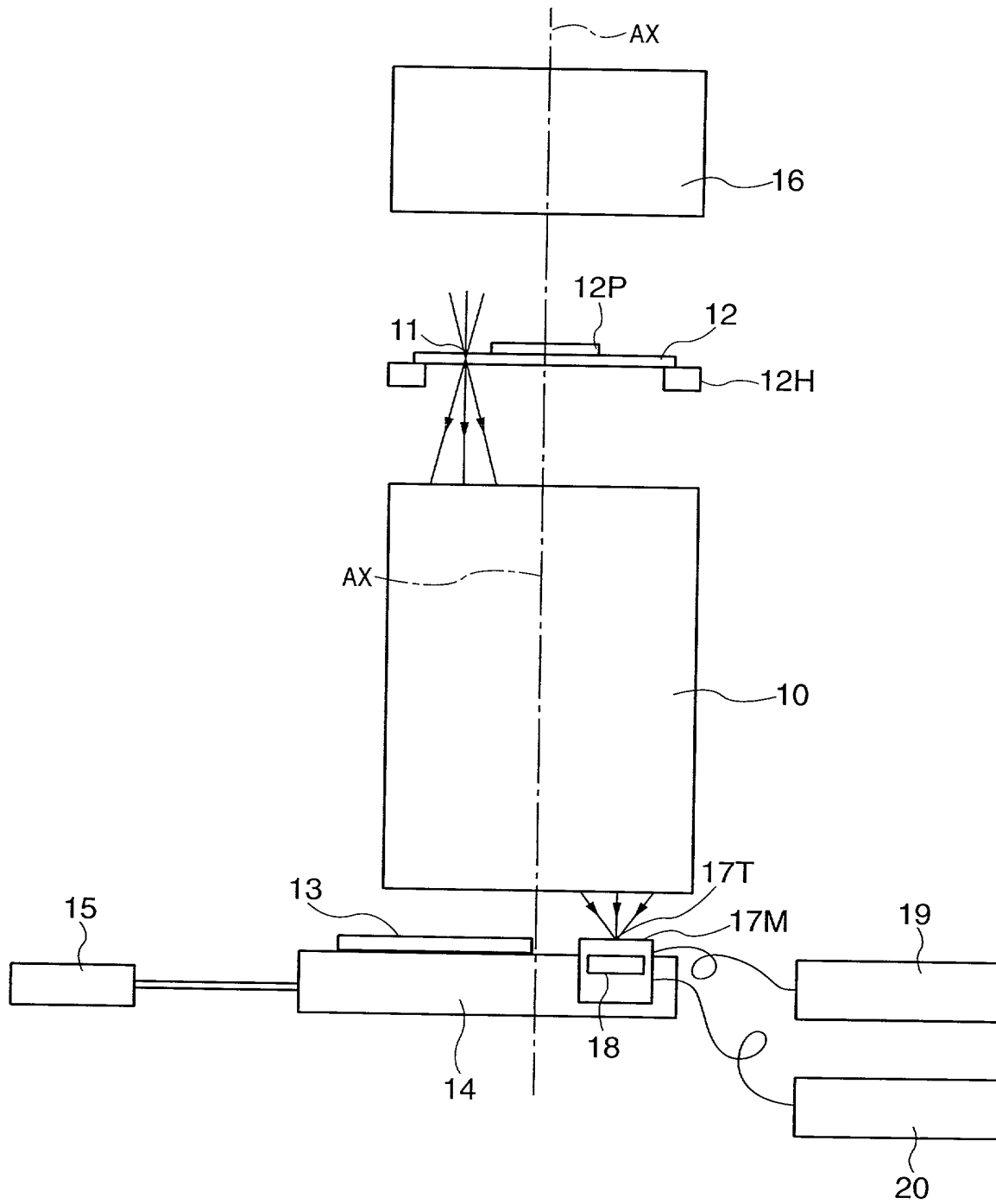
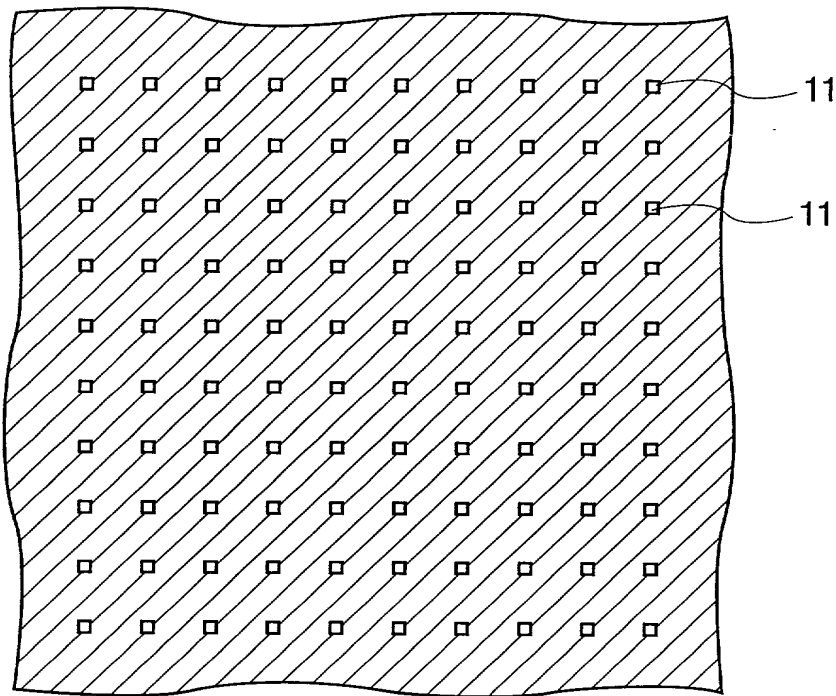


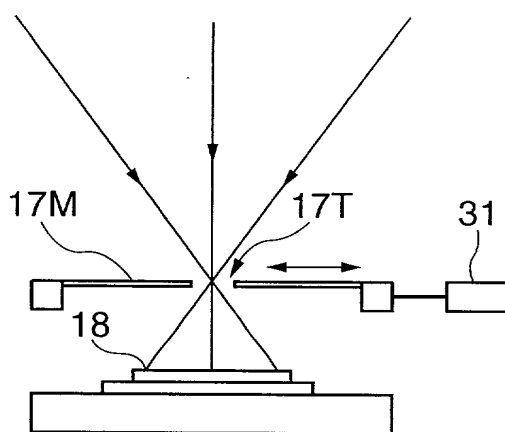
FIG. 7

FIG. 8



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FIG. 9



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FIG. 10

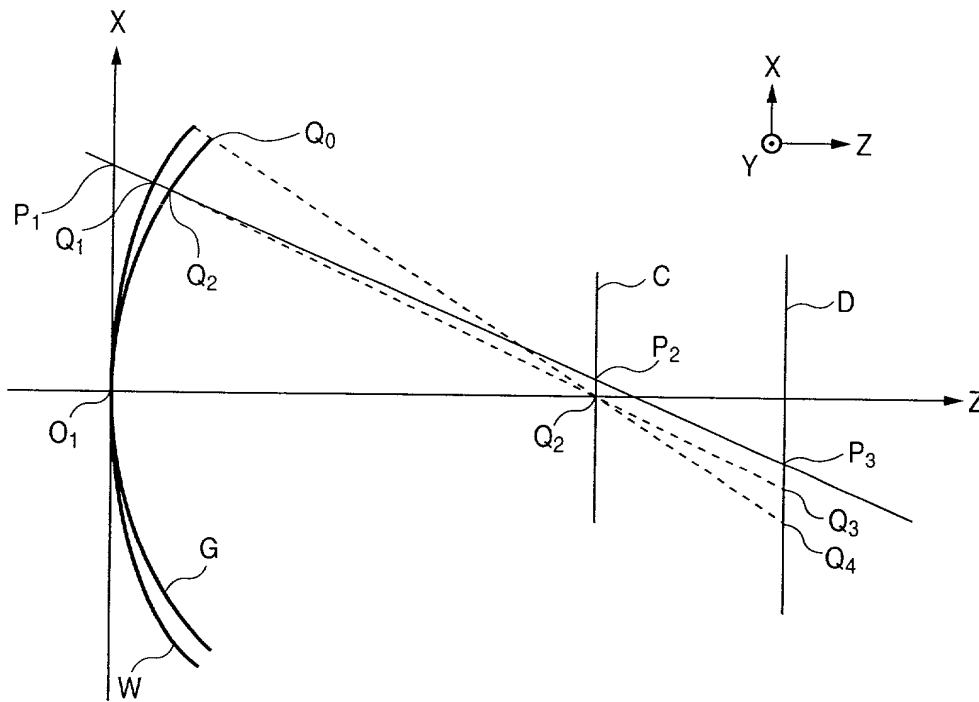


FIG. 11

FIG. 11

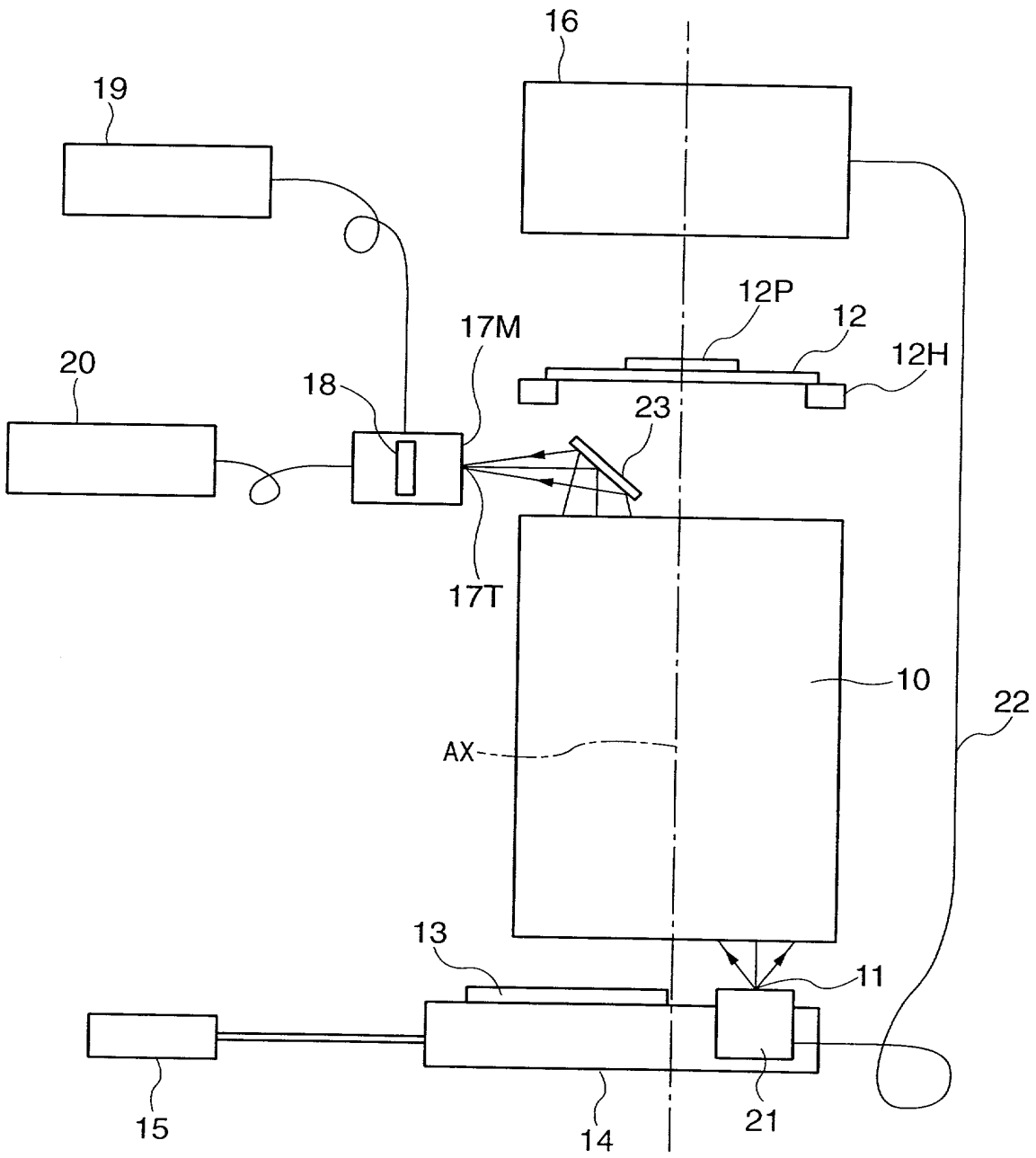
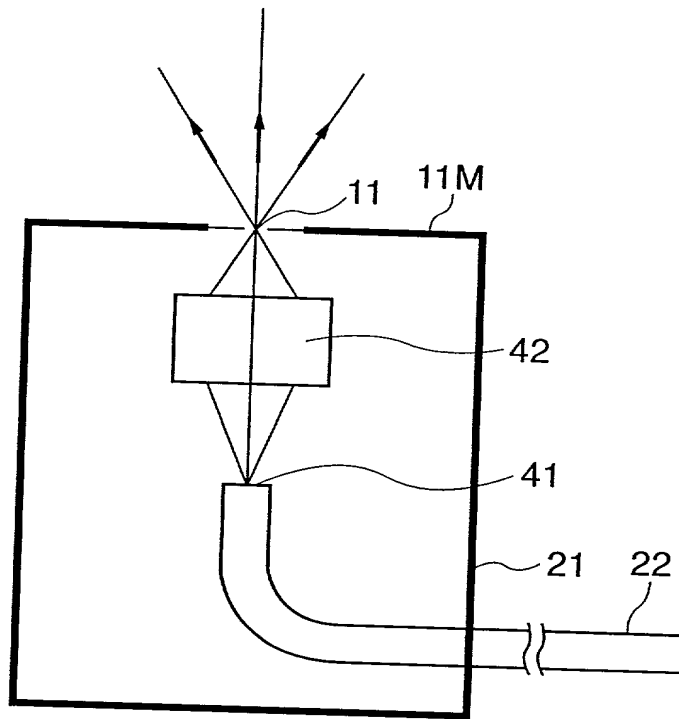


FIG. 12



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FIG. 13

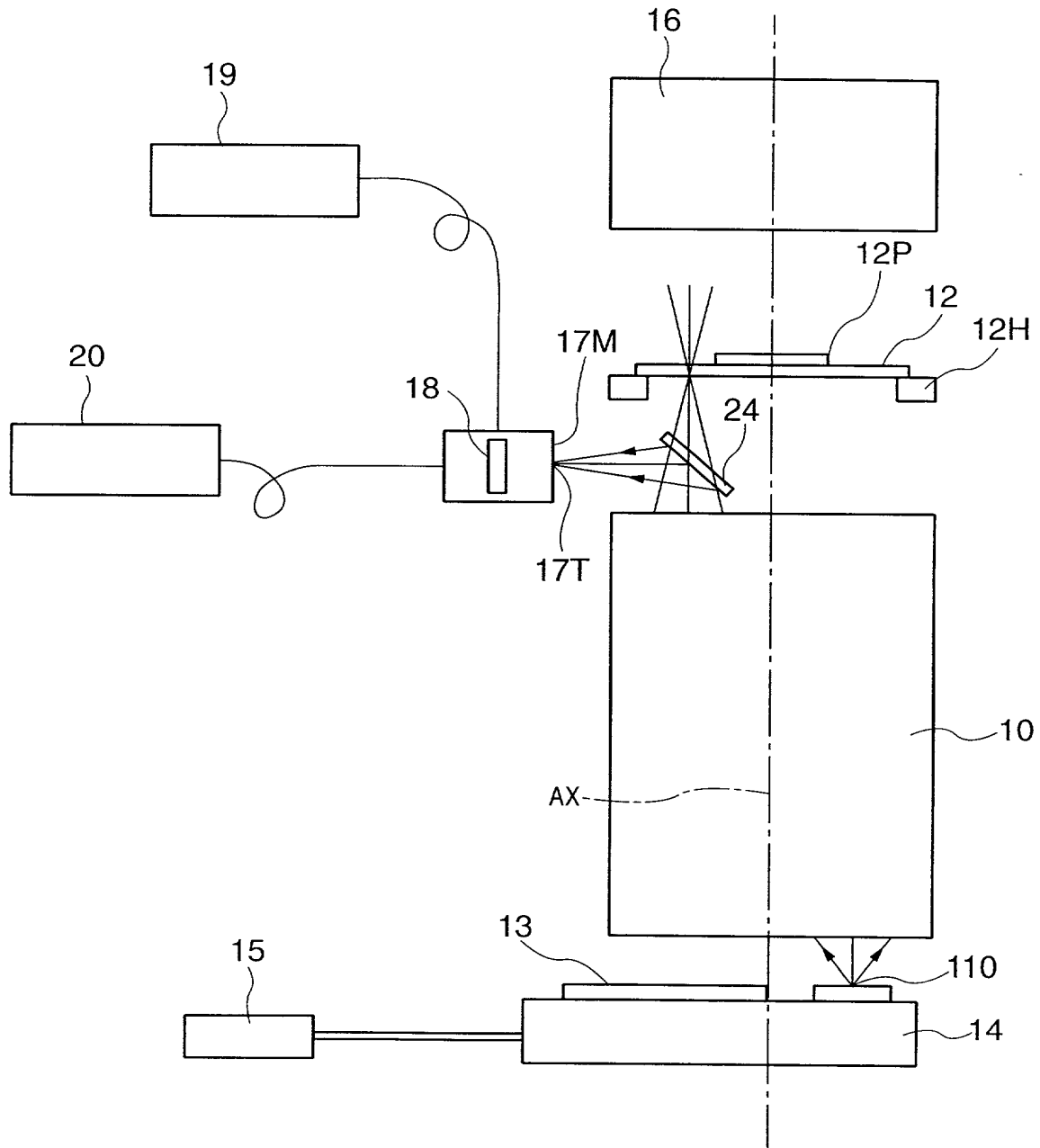


FIG. 13

FIG. 14

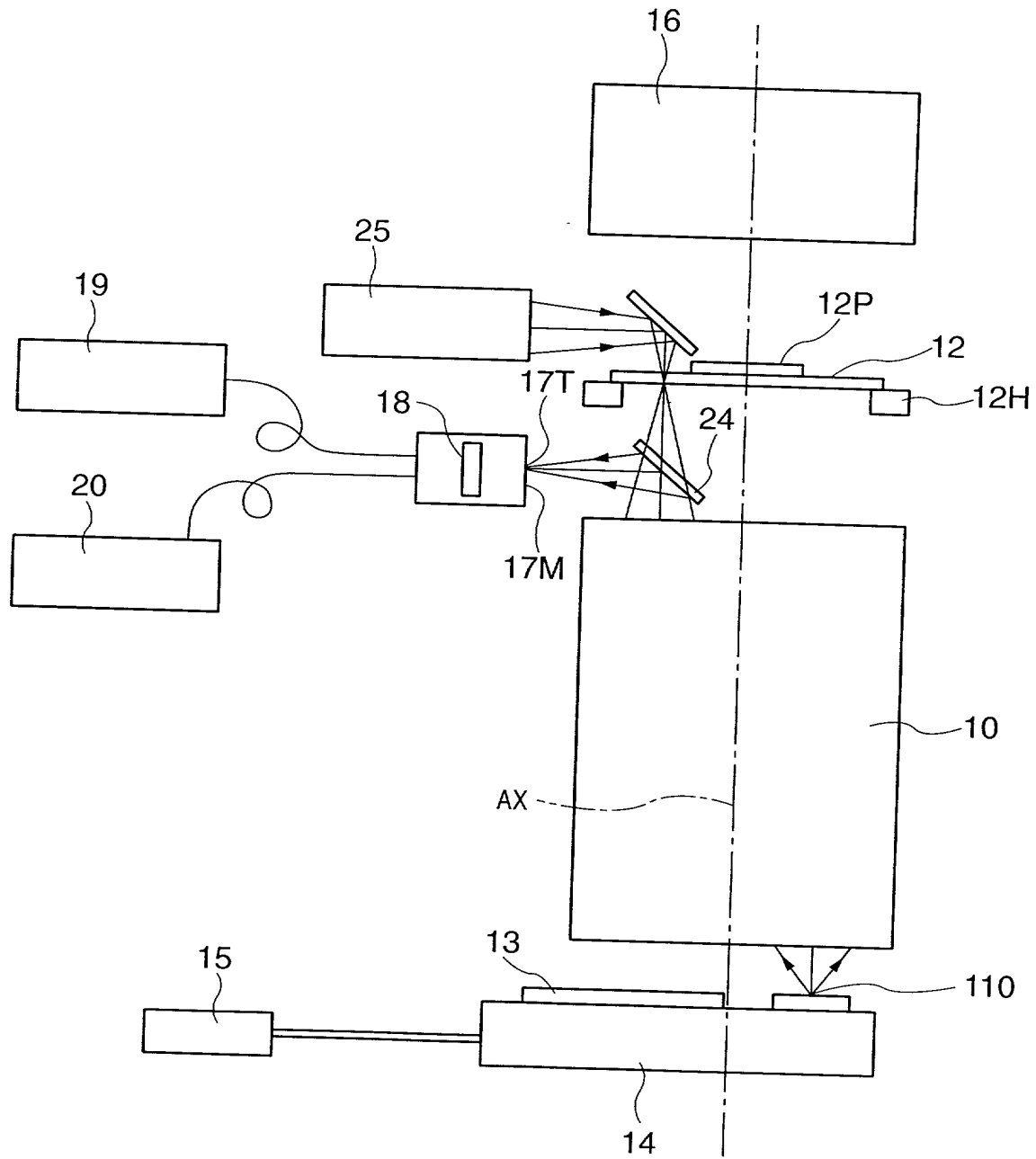


FIG. 14

FIG. 15

$$\varepsilon = \left(1 + \frac{\Delta R}{R}\right) \cdot \frac{R}{H_0} \cdot \frac{\partial \Phi}{\partial x} = \left(1 + \frac{\Delta R}{R}\right) \cdot \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial x} \dots\dots\dots (3)$$

$$\eta = \left(1 + \frac{\Delta R}{R}\right) \cdot \frac{R}{H_0} \cdot \frac{\partial \Phi}{\partial y} = \left(1 + \frac{\Delta R}{R}\right) \cdot \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial y} \dots\dots\dots (4)$$

$$\alpha = \left(1 + \frac{\Delta L}{L}\right) \cdot \frac{L}{R} \cdot \frac{R}{H_0} \cdot \frac{\partial \Phi}{\partial x} = \left(1 + \frac{\Delta L}{L}\right) \cdot \frac{L}{R} \cdot \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial x} = \frac{L \left(1 + \frac{\Delta L}{L}\right)}{R \left(1 + \frac{\Delta R}{R}\right)} \cdot \varepsilon \dots\dots\dots (5)$$

$$\beta = \left(1 + \frac{\Delta L}{L}\right) \cdot \frac{L}{R} \cdot \frac{R}{H_0} \cdot \frac{\partial \Phi}{\partial y} = \left(1 + \frac{\Delta L}{L}\right) \cdot \frac{L}{R} \cdot \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial y} = \frac{L \left(1 + \frac{\Delta L}{L}\right)}{R \left(1 + \frac{\Delta R}{R}\right)} \cdot \eta \dots\dots\dots (6)$$

FIG. 16

$$X'' = X' + \alpha \dots\dots\dots (7)$$

$$Y'' = Y' + \beta \dots\dots\dots (8)$$

$$\frac{X}{H_0} = \frac{X'}{H'_0} = x \dots\dots\dots (9)$$

$$\frac{Y}{H_0} = \frac{Y'}{H'_0} = y \dots\dots\dots (10)$$

$$x = \frac{X''}{H'_0} - \frac{\alpha}{H'_0} \dots\dots\dots (11)$$

$$y = \frac{Y''}{H'_0} - \frac{\beta}{H'_0} \dots\dots\dots (12)$$

FIG. 17

$$\frac{\Delta R}{R} \ll 1 \dots\dots\dots (13)$$

$$\frac{\Delta L}{L} \ll 1 \dots\dots\dots (14)$$

$$\frac{\alpha}{H'_0} = \frac{1}{H'_0} \cdot \frac{L}{R} \cdot \varepsilon \ll 1 \dots\dots\dots (15)$$

$$\frac{\beta}{H'_0} = \frac{1}{H'_0} \cdot \frac{L}{R} \cdot \eta \ll 1 \dots\dots\dots (16)$$

$$\varepsilon(x,y) = \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial x} \dots\dots\dots (3')$$

$$\eta(x,y) = \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial y} \dots\dots\dots (4')$$

$$x = \frac{X''}{H'_0} \dots\dots\dots (11')$$

$$y = \frac{Y''}{H'_0} \dots\dots\dots (12')$$

FIG. 18

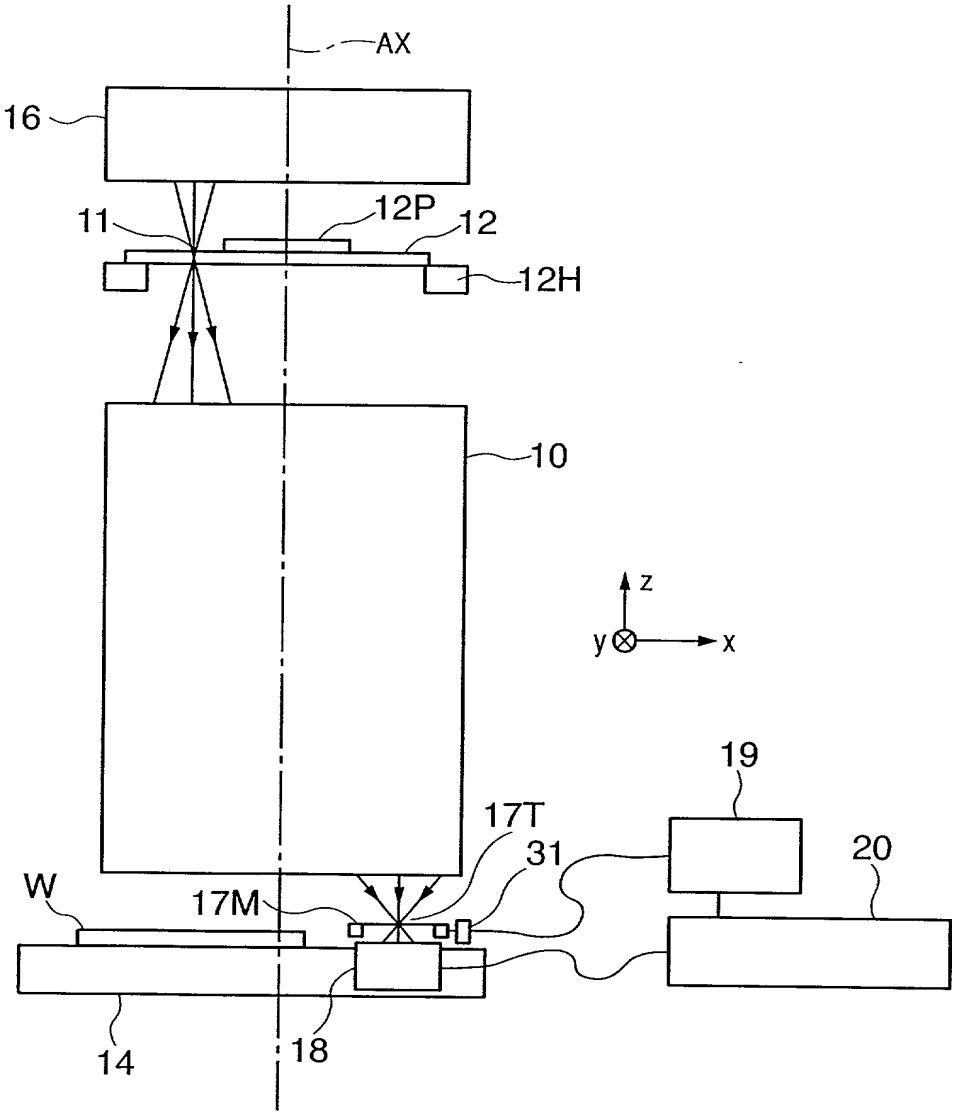


FIG. 19

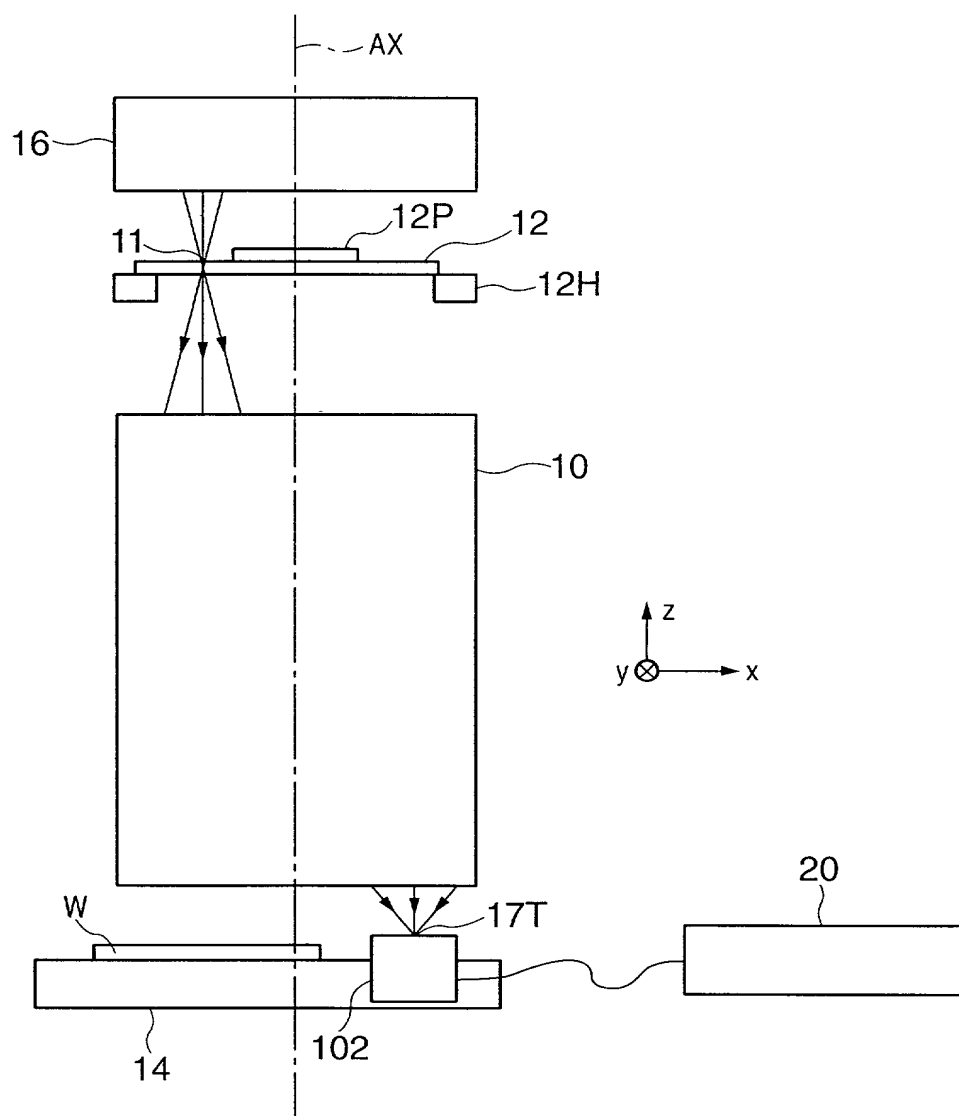
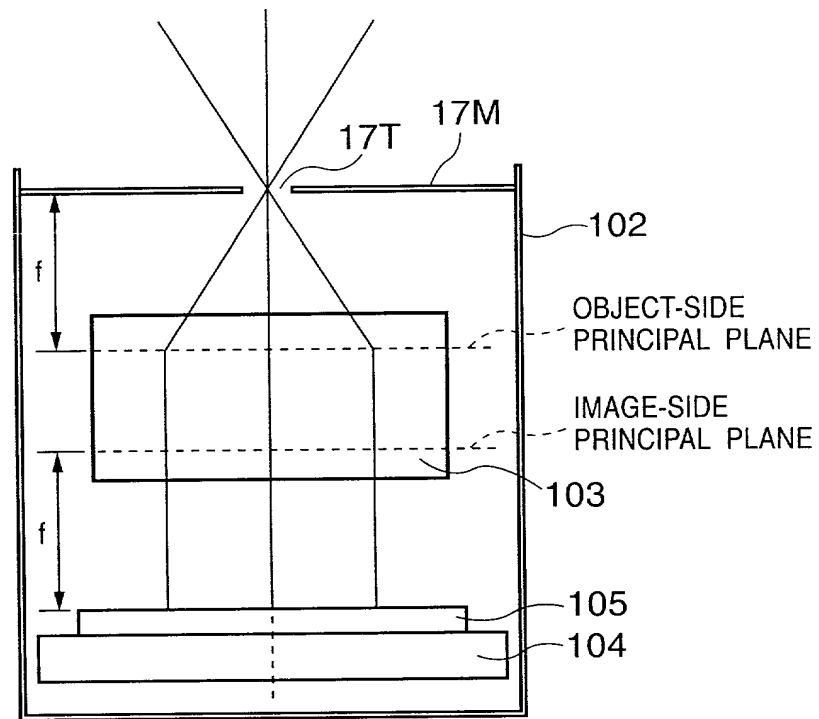


FIG. 20



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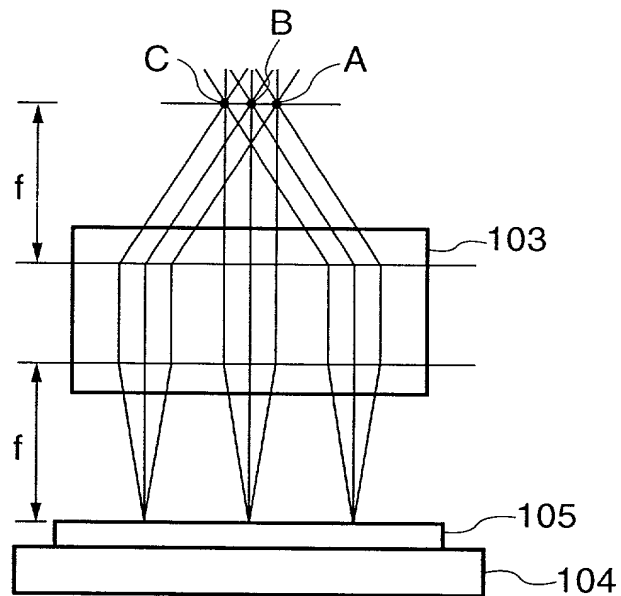
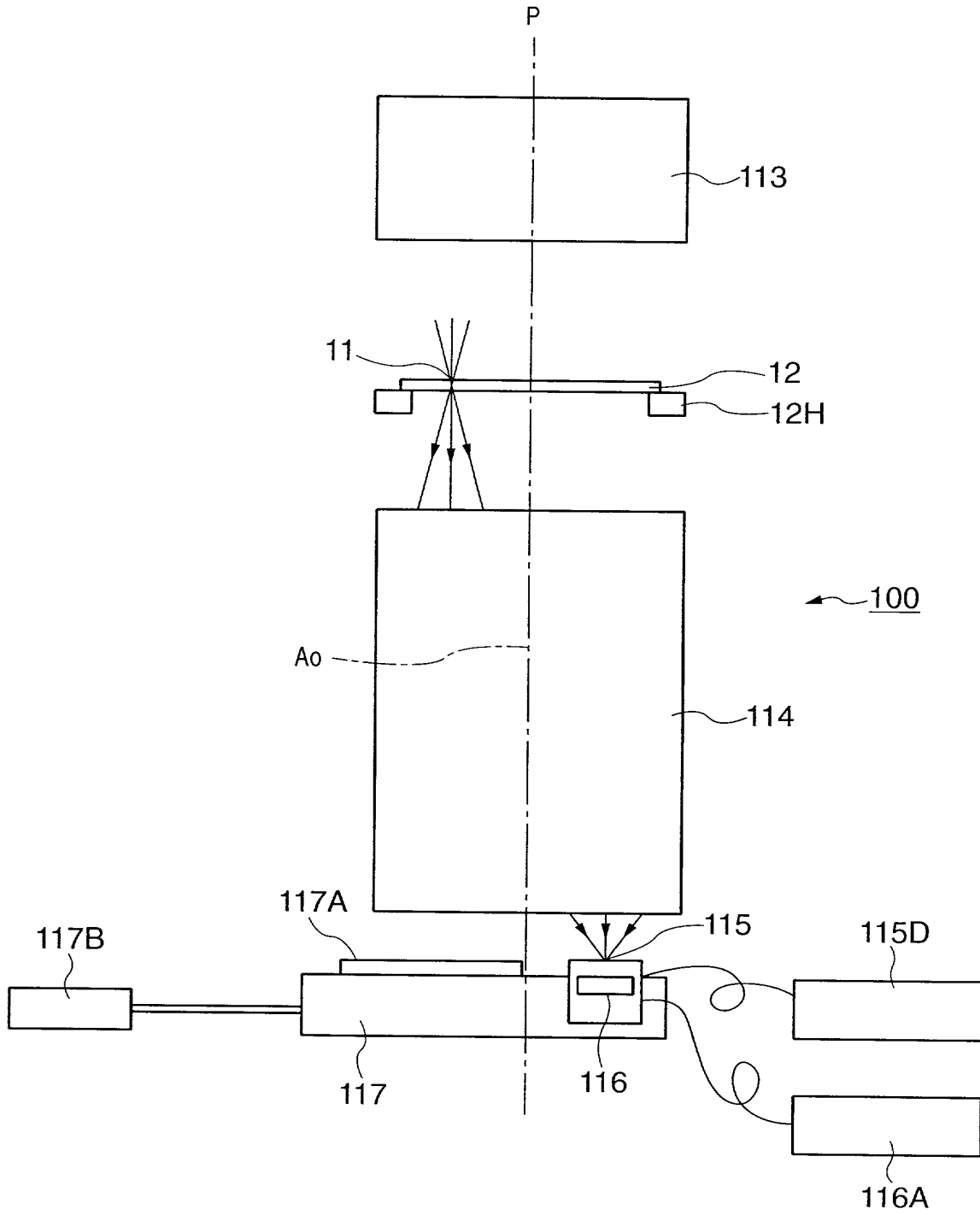
FIG. 21

FIG. 22



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FIG. 23

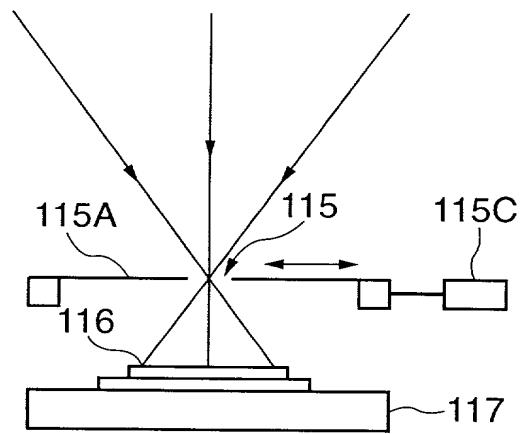
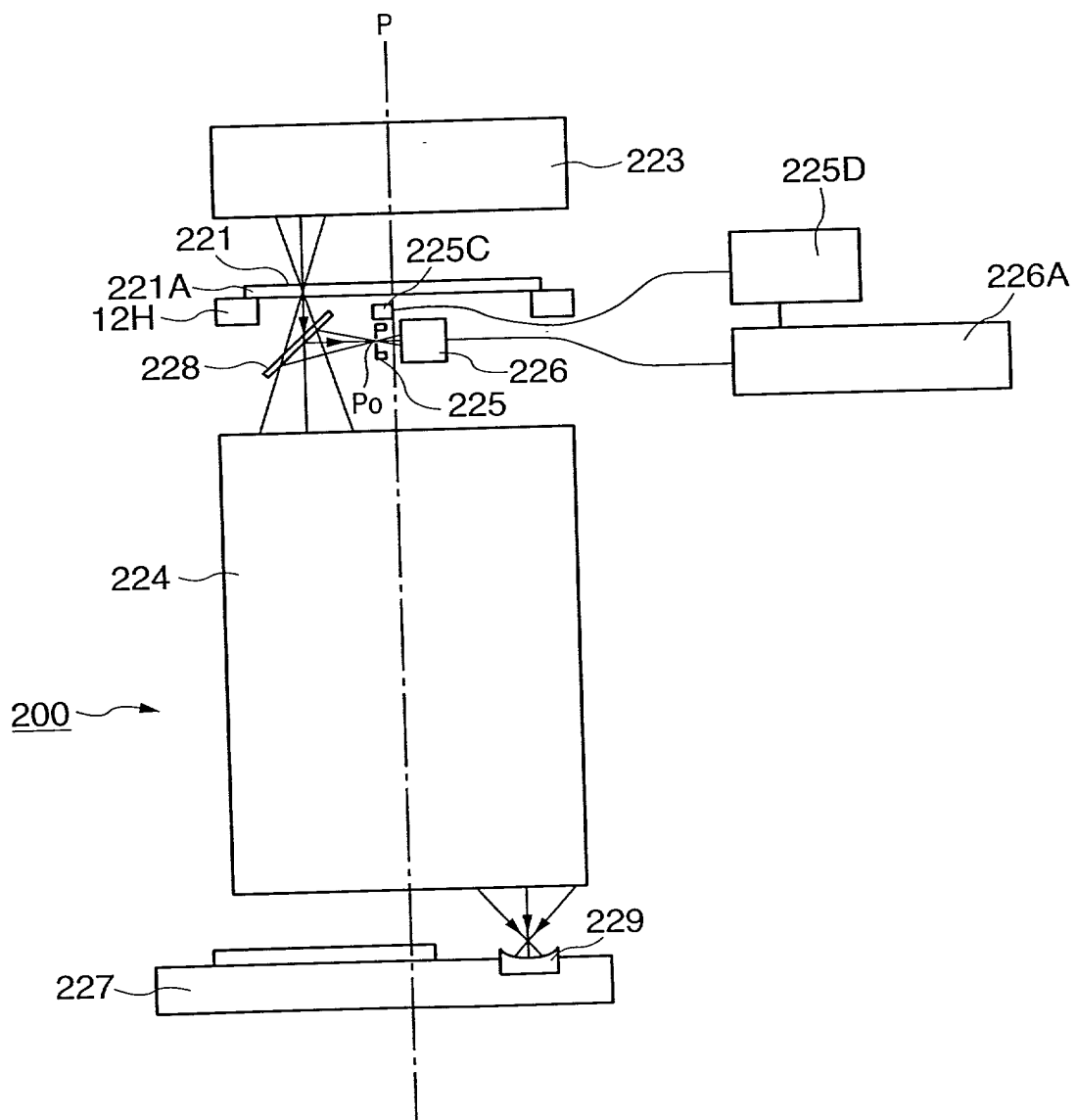


FIG. 24



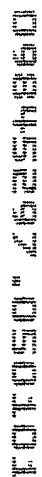
[illegible]

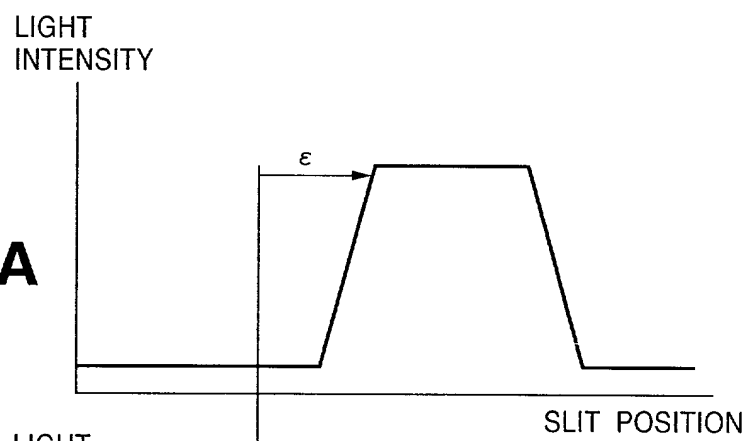
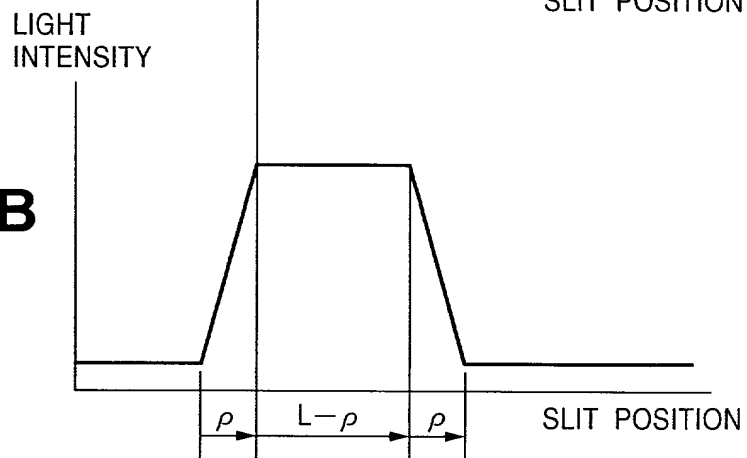
FIG. 26A**FIG. 26B**

FIG. 27

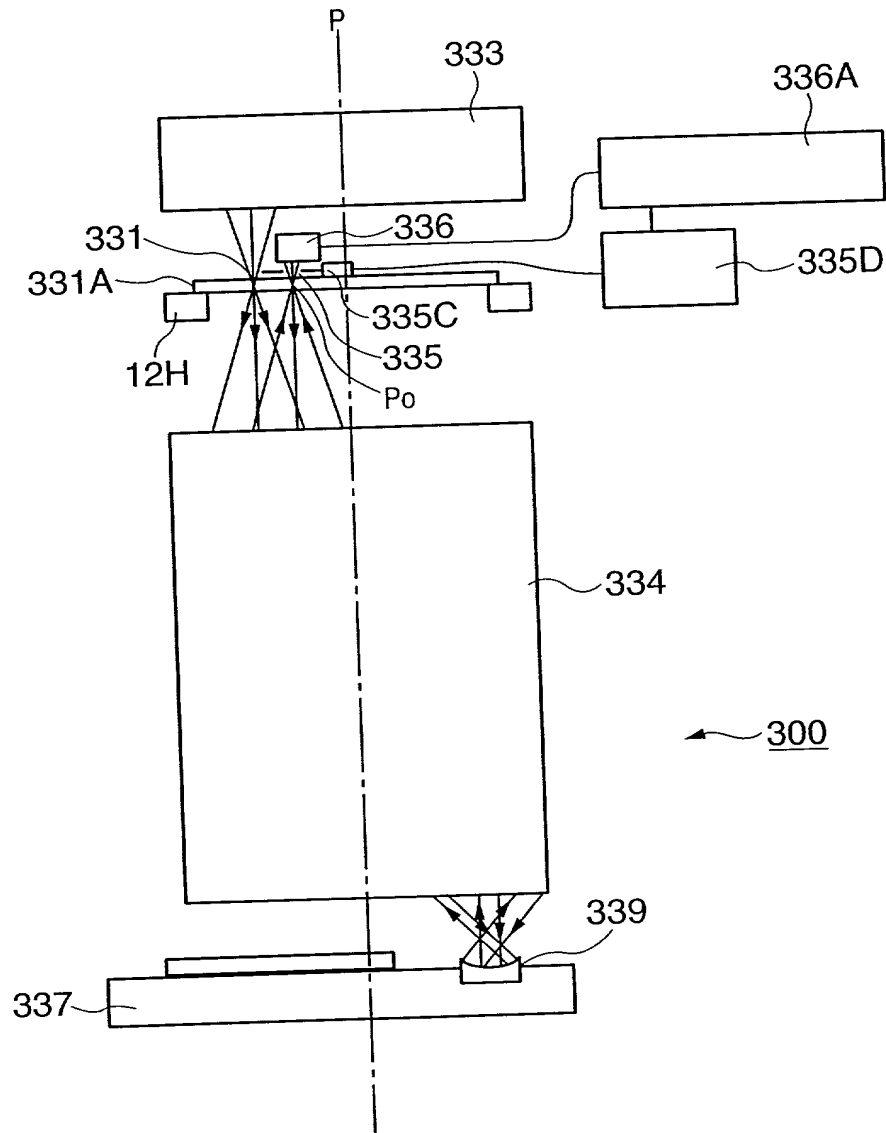


FIG. 28

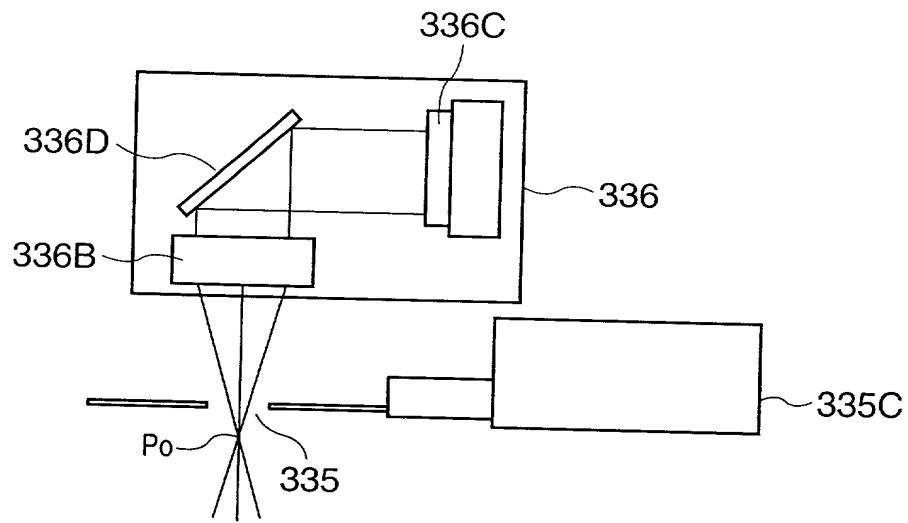


FIG. 29

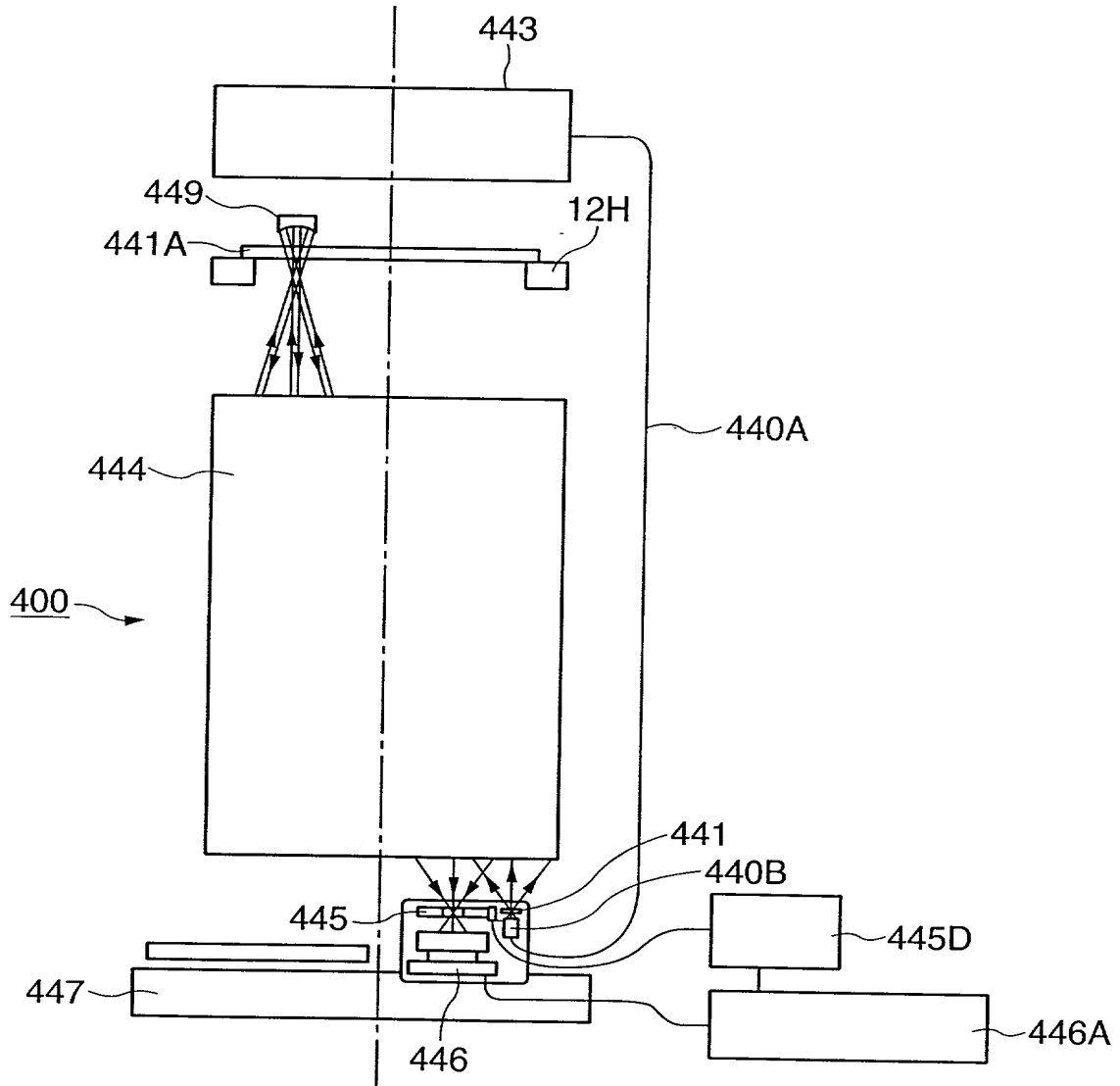


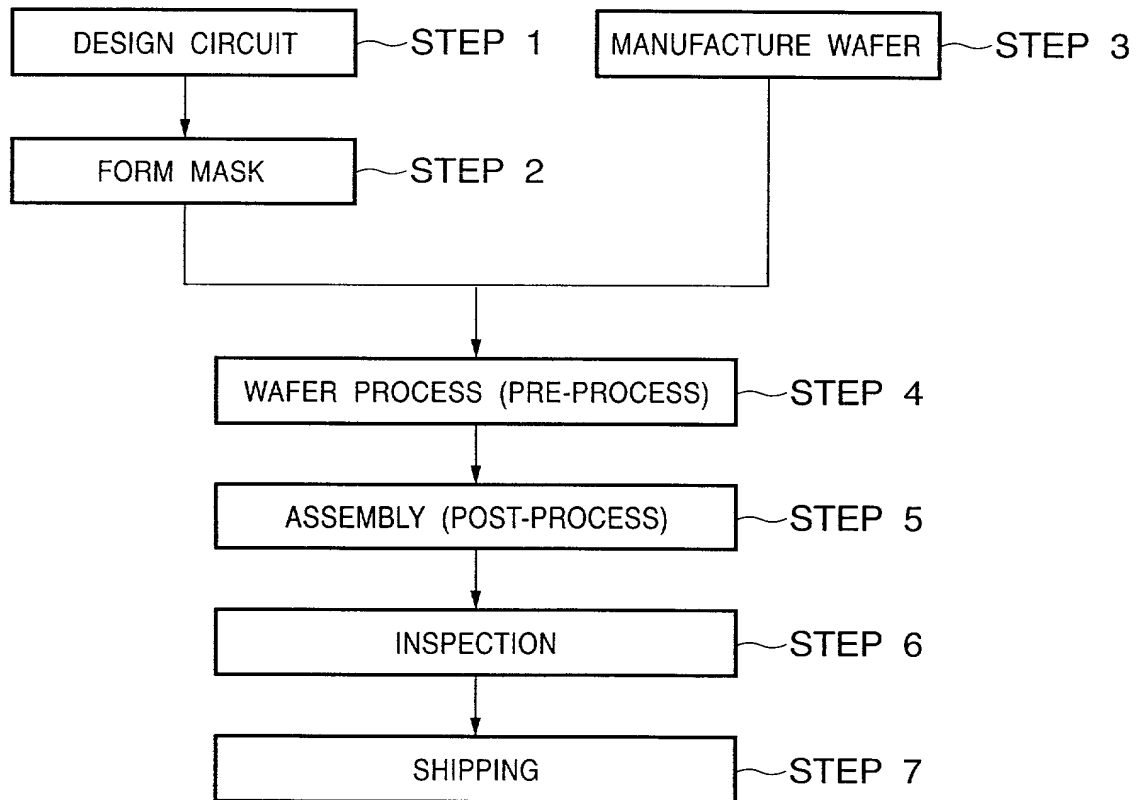
FIG. 30

FIG. 31